

**PATENT**

Case Docket No. ASMMC.047AUS

Date: December 18, 2003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Hannu Huotari  
Appl. No. : 10/601,037  
Filed : June 19, 2003  
For : METHOD TO FABRICATE  
DUAL METAL CMOS  
DEVICES  
Examiner : Unknown  
Group Art Unit : 2811

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

December 18, 2003

(Date)

Andrew N. Merickel, Reg. No. 53,317

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are the following documents:

- (X) An Information Disclosure Statement;
- (X) A PTO Form 1449 listing twenty-two (22) references, copies of which are enclosed; and
- (X) A return prepaid postcard.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Andrew N. Merickel  
Registration No. 53,317  
Attorney of Record  
Customer No. 20,995  
(415) 954-4114

**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Hannu Huotari
App. No.	:	10/601,037
Filed	:	June 19, 2003
For	:	METHOD TO FABRICATE DUAL METAL CMOS DEVICES
Examiner	:	Unknown
Group Art Unit	:	2811

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

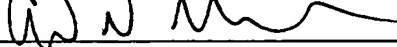
Enclosed is form PTO-1449 listing twenty-two (22) references that are also enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: December 18, 2003

By: 

Andrew N. Merickel  
Registration No. 53,317  
Attorney of Record  
Customer No. 20,995  
(415) 954-4114

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
ASMMC.047AUSAPPLICATION NO.  
10/601,037INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Hannu HuotariFILING DATE  
June 19, 2003GROUP ART UNIT  
2811

DEC 22 2003

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	5,625,217	04/29/97	Chau, et. al.			
	5,783,478	07/21/98	Chau, et. al.			
	6,066,533	05/23/00	Yu			
	6,166,417	12/26/00	Bai, et. al.			
	6,225,168 B1	05/01/01	Gardner, et. al.			
	6,265,258 B1	07/24/01	Liang, et. al.			
	6,291,282 B1	09/18/01	Wilk, et. al.			
	2001/0041250 A1	11/15/01	Werkhoven, et. al.			
	2002/0008257 A1	01/24/02	Barnak, et. al.			
	2002/0030235 A1	03/14/02	Agarwal, et. al.			
	6,373,111 B1	04/16/02	Zheng, et. al.			
	6,383,879	05/07/02	Kizilyalli, et. al.			
	2002/0096724 A1	07/25/02	Liang, et. al.			
	6,458,695 B1	10/01/02	Lin, et. al.			
	6,613,695 B2	09/02/03	Pomarede, et. al.			
	2003/0165615 A1	09/04/03	Aaltonen, et. al. Application Publication			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 0 854 505 A2	07/22/98	European				
	WO 01/29892 A1	04/26/01	PCT				
	WO 01/29893 A1	04/26/01	PCT				
	WO 02/43115 A2	05/30/02	PCT				
	WO 94/14198	06/23/94	PCT				

EXAMINER

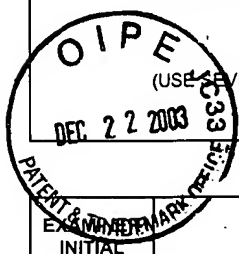
DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
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(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Hannu HuotariFILING DATE  
June 19, 2003GROUP ART UNIT  
2811EXAMINER  
INITIAL

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

Suntola, T., "Automic Layer Epitaxy," Handbook of Crystal Growth 3, Thin Films and Epitaxy Part B: Growth Mechanisms and Dynamics, (1994) pp. 601-663.

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121703

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.